

WHAT IS CLAIMED IS:

1. A thin film transistor ("TFT") array panel comprising:
 - first and second gate lines transmitting gate signals to adjacent pixel rows and disposed adjacent to each other;
 - 5 a data line insulated from the first and the second gate lines and the data line;
 - a first thin film transistor connected to the first gate line and the data line and including a first drain electrode overlapping the second gate line;
 - 10 a second TFT connected to the second gate line and the data line, disposed opposite the first TFT with respect to the data line, and including a second drain electrode overlapping the first gate line;
 - 15 a first pixel electrode connected to the first drain electrode and overlapping the second gate line; and
 - a second pixel electrode connected to the second electrode and overlapping the first gate line.
 2. The TFT array panel of claim 1, further comprising red, green or blue color filters disposed in a pixel area defined by intersections of the first and the second gate lines and the data line.
 3. The TFT array panel of claim 1 or 2, wherein the first and the second TFTs comprise:
 - first and second gate electrodes connected to the first and the second gate lines, respectively;
 - 25 first and second semiconductors overlapping the first and the second gate electrodes, respectively; and
 - first and second source electrodes connected to the data line and overlapping the first and the second semiconductors, respectively.
 4. The TFT array panel of claim 3, further comprising a passivation layer interposed between the TFTs and the first and the second pixel electrodes and including organic insulator.
 - 30 5. The TFT array panel of claim 3, wherein the first pixel electrode does not overlap the first gate line, and the second pixel electrode does not overlap the second gate line.

6. The TFT array panel of claim 4, wherein the first and the second pixel electrodes overlap the data line.